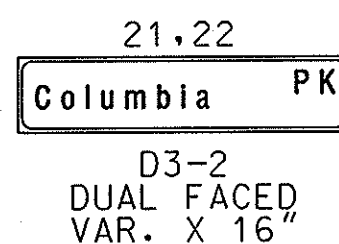
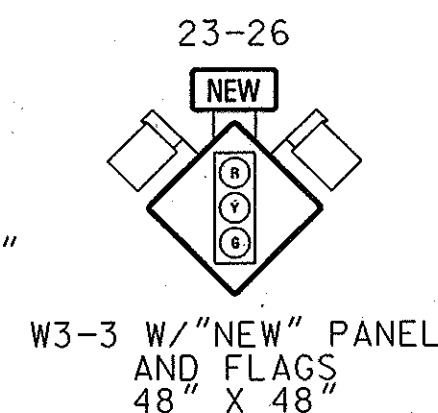
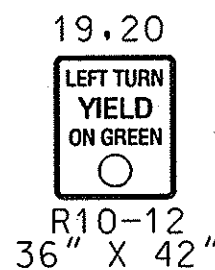


US 29 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION.

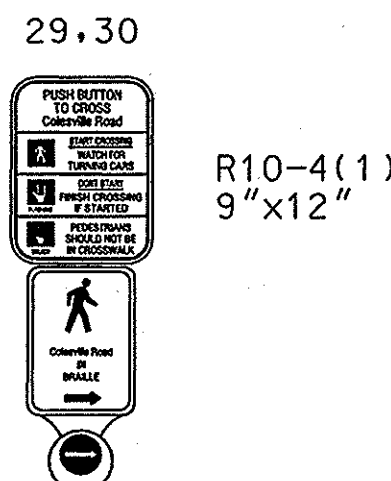
EXISTING SIGNS



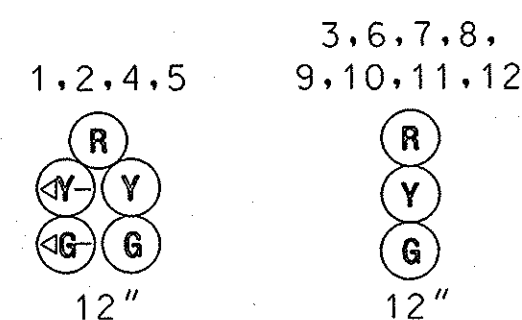
EXISTING SIGNS TO BE REMOVED



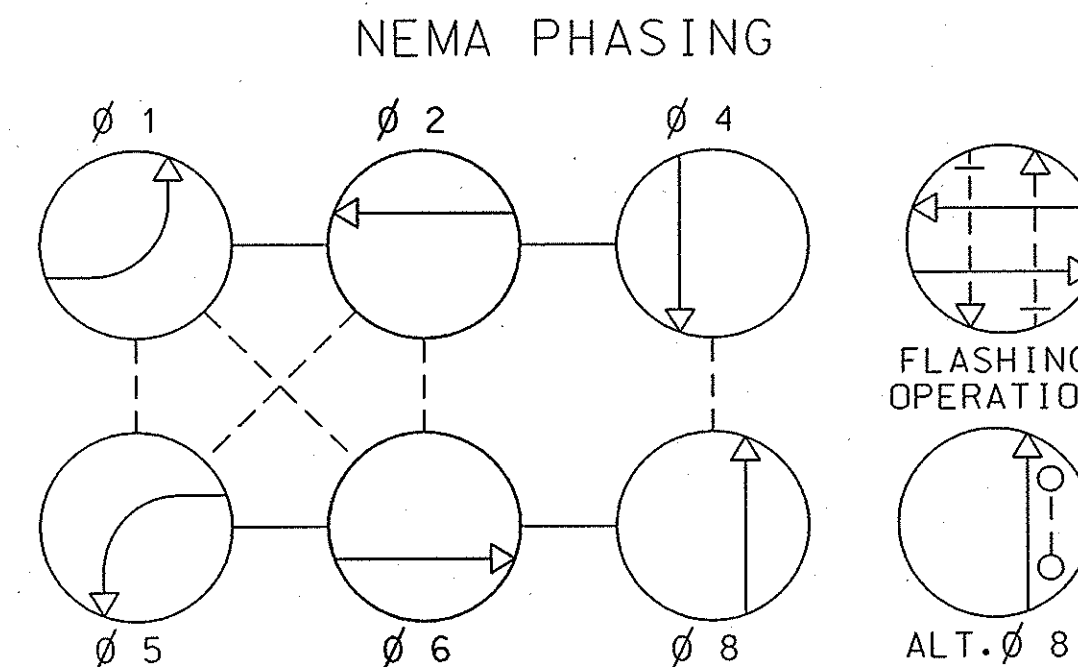
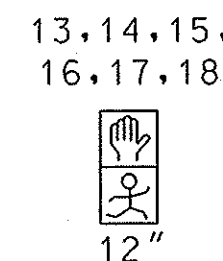
PROPOSED AUDIBLE PUSHBUTTON AND SIGN



EXISTING SIGNALS



EXISTING SIGNS TO BE REMOVED



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED L.E.D. COUNTDOWN SIGNALS



PROPOSED VIDEO DETECTION CAMERAS

a,b,c,d
CONTROL CABLE LENGTH
a - 250 FOOT
b - 500 FOOT
c - 500 FOOT
d - 250 FOOT

CONSTRUCTION DETAILS

- INSTALL PROPOSED VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN.
- INSTALL VIDEO DETECTION INTERFACE EQUIPMENT AND AUDIBLE/TACTILE PEDESTRIAN BASE UNIT INTO EXISTING BASE MOUNTED CABINET.
- VIDEO DETECTION ZONE.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- REMOVE EXISTING R10-12 SIGN.
- REMOVE EXISTING SIGN AND SUPPORTS.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN HEAD (PEDESTAL MOUNTED) AND APS PEDESTRIAN PUSHBUTTON AND SIGN (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN HEAD (PEDESTAL MOUNTED) AND APS PEDESTRIAN PUSHBUTTON AND SIGN (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PLUG UNUSED HOLES IN THE EXISTING POLE.
- REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. CAP AND ABANDON EXISTING CONDUIT.
- REPLACE EXISTING SIDEWALK. INSTALL PEDESTRIAN RAMPS AND INSTALL CURB & GUTTER. (SEE CONTRACT DOCUMENTS FOR INSTALLATION DETAILS AND QUANTITIES)

GENERAL NOTES

- ABANDON ALL EXISTING LOOP DETECTORS AND REMOVE EXISTING ALUMINUM SHEILDED 2-CONDUCTOR CABLE FROM HANDHOLES, CONDUIT, AND CABINET.
- ALL UNUSED ELECTRICAL CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- VIDEO DETECTION LOCATION AND ALIGNMENT SHALL BE COORDINATED WITH MONTGOMERY COUNTY ENGINEER.
- INSTALLATION OF VIDEO DETECTION INTERFACE EQUIPMENT WILL BE PERFORMED BY MONTGOMERY COUNTY. CONTACT MR. KEITH LORD OR MR. KAMAL HAMUD AT 240-777-8795.
- REFER TO CONTRACT DOCUMENTS FOR PAVEMENT MARKING, DETECTIBLE WARNING SURFACE AND ADA RAMP INSTALLATION DETAILS AND QUANTITIES.
- ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE MONTGOMERY COUNTY SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. KEITH LORD TO COORDINATE AT 301-279-1291.

GEOMETRIC LEGEND

===== EXISTING
===== PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES
F F FIBER-OPTIC

ADDENDUM NO. 1
NEW SHEET

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE: (410) 728-2900 FAX: (410) 383-3270

APPROVALS

TEAM LEADER
ASSIST. DIR. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

1. INSTALL VIDEO DETECTION CAMERAS, APS PUSHBUTTONS AND COUNTDOWNS.
2/2006
DAE: [Signature]

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 8/30/2004 CONTRACT NO. _____
DESIGNED BY JMM COUNTY MONTGOMERY
DRAWN BY JMM LOGMILE 15002903.64
CHECKED BY KWF TMS NO. H053
FAP NO. TOD NO. _____
TS NO. 4328A DRAWING - OF SHEET NO. 5 OF 10

PLOTTED: 8/24/2006
FILE: 8/24/06